



# PRESENTED BY: Miller Environmental Group 538 Edwards Avenue Calverton NY 11933 www.millerenv.com



### Miller Environmental Group

- Headquartered in Calverton, NY
- Over 30 Years of Experience
- Diverse Cleanup Project Experience
- Highly Skilled and Trained Personnel
- Permitted Hazardous Waste Transporter
  - MA, VT, NJ, NY, NYC, PA, OH, CT, DE
- NYS DEC Remediation Contractor
- Basic Ordering Agreement with BNL
- Established History with Peconic River Issues



Photo by: News Review



### **Specific Project History**

- Long Island, NY
  - Shallow Water Sediment Removal via Vacuum/Guzzler & Pump System in a Lake Environment
- Inez, KY
  - Sediment Removal and Transport via Vacuum/Guzzler in a Creek and River Environment.





### **Heavy Metals Recovery**

- Deep Water Sediment Removal via Dredge
- Shallow Water Sediment Removal via Vacuum/Guzzler & Pump System





### **Shallow Water Sediment** and Heavy Metals Recovery



**NYS DEC Project Oversight** 



30 Acre Lake 10" of Sediment Removed



### **Coal Slurry Recovery**

- 72 Acre Impoundment Collapsed
- Impact on (2) Creeks that feed into the Tug Fork River
- Sediment Removal via Vacuum/Guzzler & Pump System





#### Sediment Removal Via Vacuum/Guzzler Equipment









#### **Coldwater Creek**

- 6"- 8" of Sediment Removed via Vacuum/Guzzler & Pump System
- Approximately 16 miles of Contaminated Creek









#### **Sediment Control Structures**

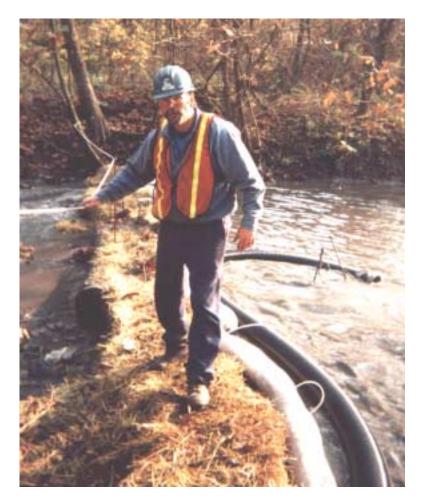




**Gabion Weir Dams** 



### **Sediment Control & Recovery**





**Transport and Disposal** 



### Benefits of the MEG Alternative Approach

- · Vacuum/Guzzler technology will minimize the associated impact on the upland areas of the Peconic River.
- The Re-Suspension will be minimized through the use of Sediment Control Structures and/or Dewatering.
- The use of Vacuum/Guzzler technology has unique application to the Peconic River Remediation Project due to its selective removal of Sediment as opposed to gross removal with subsequent environmental damage.
- Vacuum/Guzzler Technology is only a component of the entire project, however it is an effective method considering the sensitive environment to be remediated.

#### **CONTACT INFORMATION**

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